Check Components

Meter

Remote Display

Power/Output Cable

Remote Sensor Cable

15 Pin Connector

Protective faceplate cover and lanyard

Cable Glands

Optional

User supplied AC power cable for AC configurations

Second output cable

Gaskets

Failure to install gaskets will void warranty!

Recommended Tools

**Recommended:**
- T-15 Torx head driver
- 0.098 inch (small) flat head screw driver
- Crescent Wrench

**Optional:**
- Channel locks
### Positioning

Choose a position that will ensure a full pipe.

- [Image of a pipe with a straight run and an uninterrupted flow]

Choose a position that will minimize flow distortion.

- [Image of a pipe with a bend and a potential flow distortion]

**Recommended:**
- Improved accuracy results from unimpeded electrodes.
- Intermittent air bubbles miss electrode.
- Electrode moved from top by rotating meter.
- Electrodes free from sediment build-up.

**Not Ideal:**
- Air bubbles and sediment on the electrodes can affect accuracy.
- Intermittent air bubbles pass over electrode.
- Possible sediment build-up.

### Grounding

- **Metal Pipe**
  - Equalization Lug
  - Meter Flange
  - Gasket
  - Pipe Flange
  - Lockwasher
  - Flange Plate

- **Plastic Pipe**
  - Equalization Lug
  - Grounding Ring
  - Gaskets
  - Plastic Pipe
  - Grounding Ring Gaskets
  - #6, #8, or #12 AWG Stranded Copper Ground Wire < 5'
  - Ground Clamp
    - (Exothermically weld when corrosion is a concern)
  - 8' Ground Rod

### Warnings

Refer to the manual for further details.

- Do not weld or flame cut within 10' of meter. Heat will damage electronics and liner. (Heat will void warranty.)
- Install provided full face gaskets. Failure to install gaskets will void warranty.
- Tube must be completely aligned with adjoining flanges.
- Ensure proper grounding.

- Bolts must be tightened evenly. Do not over tighten one side to fill a gap.
- Improper sealing of cables or cable glands will void warranty.
- Install security seal during installation if regulations require.
- Backup batteries are not intended as a primary power source.

Refer to the Electrical Quick Start Guide or the complete instruction manual for details on wiring.